

## Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II  
HYDRIC SOIL INTERPRETATIONS

Boone County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
6: OKOBOJI SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	3,824
	HARPS	Yes	ground moraine	2B3	YES	NO	NO	201
27C: TERRIL LOAM, 5 TO 9 PERCENT SLOPES	TERRIL	No	---	---	---	---	---	1,083
	SPILLVILLE	No	---	---	---	---	---	57
28B: DICKMAN FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES	DICKMAN	No	---	---	---	---	---	815
28C: DICKMAN FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	DICKMAN	No	---	---	---	---	---	665
55: NICOLLET LOAM, 1 TO 3 PERCENT SLOPES	NICOLLET	No	---	---	---	---	---	40,404
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	2,126
62C2: STORDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	1,700
62D2: STORDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	4,180
62E2: STORDEN LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	STORDEN	No	---	---	---	---	---	1,660
62F: STORDEN LOAM, 18 TO 25 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	785
73D: SALIDA GRAVELLY SANDY LOAM, 5 TO 14 PERCENT SLOPES	SALIDA	No	---	---	---	---	---	508
	STORDEN	No	---	---	---	---	---	27
73F: SALIDA GRAVELLY SANDY LOAM, 14 TO 25 PERCENT SLOPES	SALIDA	No	---	---	---	---	---	652
	STORDEN	No	---	---	---	---	---	36
	ZENOR	No	---	---	---	---	---	36

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90: OKOBOJI MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	4,783
	HARPS	Yes	ground moraine	2B3	YES	NO	NO	252
95: HARPS LOAM, 0 TO 2 PERCENT SLOPES	HARPS	Yes	ground moraine	2B3	YES	NO	NO	12,284
	OKOBOJI	Yes	pothole	2B3,3	YES	NO	YES	646
107: WEBSTER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	WEBSTER	Yes	ground moraine	2B3	YES	NO	NO	29,127
	OKOBOJI	Yes	pothole	3,2B3	YES	NO	YES	1,533
135: COLAND CLAY LOAM, 0 TO 2 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	6,175
	CALCO	Yes	flood plain	2B3	YES	NO	NO	325
138B: CLARION LOAM, 2 TO 5 PERCENT SLOPES	CLARION	No	---	---	---	---	---	58,130
138C: CLARION LOAM, 5 TO 9 PERCENT SLOPES	CLARION	No	---	---	---	---	---	11,160
138C2: CLARION LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	13,485
	STORDEN	No	---	---	---	---	---	710
138D2: CLARION LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARION	No	---	---	---	---	---	1,316
	STORDEN	No	---	---	---	---	---	69
167: AMES SILT LOAM, 0 TO 1 PERCENT SLOPES	AMES	Yes	pothole	2B3,3	YES	NO	YES	225
168B: HAYDEN LOAM, 2 TO 5 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	8,215
168C: HAYDEN LOAM, 5 TO 9 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	1,920
168C2: HAYDEN LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HAYDEN	No	---	---	---	---	---	900

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
168D2: HAYDEN LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HAYDEN	No	---	---	---	---	---	484
	STORDEN	No	---	---	---	---	---	26
168E: HAYDEN LOAM, 14 TO 18 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	475
	STORDEN	No	---	---	---	---	---	25
203: CYLINDER LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	CYLINDER	No	---	---	---	---	---	1,026
	OTHER	Yes	outwash terrace	2B3	YES	NO	NO	54
221: PALMS MUCK, 0 TO 1 PERCENT SLOPES	PALMS	Yes	pothole	3,1	NO	NO	YES	505
224: LINDER SANDY LOAM, 0 TO 2 PERCENT SLOPES	LINDER	No	---	---	---	---	---	238
	OTHER	Yes	outwash terrace	2B3	YES	NO	NO	12
236B: LESTER LOAM, 2 TO 5 PERCENT SLOPES	LESTER	No	---	---	---	---	---	3,695
236C2: LESTER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LESTER	No	---	---	---	---	---	1,065
259: BISCAY CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	BISCAY	Yes	outwash terrace	2B3	YES	NO	NO	869
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	46
307: DUNDAS SILT LOAM, 0 TO 2 PERCENT SLOPES	DUNDAS	Yes	ground moraine	2B3	YES	NO	NO	1,126
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	59
308: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	WADENA	No	---	---	---	---	---	432
	RIDGEPORT	No	---	---	---	---	---	23

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308B: WADENA LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 2 TO 5 PERCENT SLOPES	WADENA	No	---	---	---	---	---	594
	RIDGEPORT	No	---	---	---	---	---	31
325: LE SUEUR LOAM, 0 TO 2 PERCENT SLOPES	LE SUEUR	No	---	---	---	---	---	2,123
	OTHER	Yes	drainageway	2B3	YES	NO	NO	112
335: HARCOT LOAM, 0 TO 2 PERCENT SLOPES	HARCOT	Yes	outwash terrace	2B3	YES	NO	NO	360
354: PALMS MUCK, PONDED, 0 TO 1 PERCENT SLOPES	PALMS	Yes	pothole	3,1	NO	NO	YES	205
355: LUTHER LOAM, 0 TO 2 PERCENT SLOPES	LUTHER	No	---	---	---	---	---	2,503
	OTHER	Yes	outwash plain	2B3	YES	NO	NO	132
356G: HAYDEN-STORDEN LOAMS, 25 TO 50 PERCENT SLOPES	HAYDEN	No	---	---	---	---	---	7,858
	STORDEN	No	---	---	---	---	---	7,858
	OTHER	No	---	---	---	---	---	3,929
383: MARNA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	MARNA	Yes	ground moraine	2B3	YES	NO	NO	1,059
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	56
385B: GUCKEEN CLAY LOAM, 1 TO 4 PERCENT SLOPES	GUCKEEN	No	---	---	---	---	---	390
	OTHER	Yes	outwash plain	2B3	YES	NO	NO	20
444C: JACWIN LOAM, 3 TO 9 PERCENT SLOPES	JACWIN	No	---	---	---	---	---	195
	OTHER	Yes	hill	2B3	YES	NO	NO	10
485: SPILLVILLE LOAM, 0 TO 2 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	940
	OTHER	Yes	flood plain	2B3	YES	NO	NO	50
485B: SPILLVILLE LOAM, 2 TO 5 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	2,118

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	TERRIL	No	---	---	---	---	---	112
507: CANISTEO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CANISTEO	Yes	ground moraine	2B3	YES	NO	NO	79,506
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	4,184
511: BLUE EARTH MUCKY SILT LOAM, 0 TO 1 PERCENT SLOPES	BLUE EARTH	Yes	pothole	3,2B3	YES	NO	YES	551
	HARPS	Yes	ground moraine	2B3	YES	NO	NO	29
536: HANLON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	HANLON	No	---	---	---	---	---	689
	OTHER	Yes	flood plain	2B3	YES	NO	NO	36
559: TALCOT CLAY LOAM, 32 TO 40 INCHES TO SAND AND GRAVEL, 0 TO 2 PERCENT SLOPES	TALCOT	Yes	outwash terrace	2B3	YES	NO	NO	1,292
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	68
566B: MOINGONA LOAM, 1 TO 5 PERCENT SLOPES	MOINGONA	No	---	---	---	---	---	950
566C: MOINGONA LOAM, 5 TO 9 PERCENT SLOPES	MOINGONA	No	---	---	---	---	---	1,005
566D: MOINGONA LOAM, 9 TO 14 PERCENT SLOPES	MOINGONA	No	---	---	---	---	---	215
585B: COLAND-SPILLVILLE COMPLEX, 2 TO 5 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	1,868
	SPILLVILLE	No	---	---	---	---	---	1,494
	OTHER	No	---	---	---	---	---	374
636: BUCKNEY FINE SANDY LOAM, 1 TO 3 PERCENT SLOPES	BUCKNEY	No	---	---	---	---	---	565
	OTHER	Yes	flood plain	2B3	YES	NO	NO	30
639D: STORDEN-SALIDA COMPLEX, 9 TO 14 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	156
	SALIDA	No	---	---	---	---	---	78

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	OTHER	No	---	---	---	---	---	26
639E: STORDEN-SALIDA COMPLEX, 14 TO 25 PERCENT SLOPES	STORDEN	No	---	---	---	---	---	210
	SALIDA	No	---	---	---	---	---	105
	OTHER	No	---	---	---	---	---	35
655: CRIPPIN LOAM, 1 TO 3 PERCENT SLOPES	CRIPPIN	No	---	---	---	---	---	1,320
	OTHER	Yes	pothole	3,2B3	YES	NO	YES	70
733: CALCO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CALCO	Yes	flood plain	2B3	YES	NO	NO	330
778: SATTRE LOAM, 0 TO 2 PERCENT SLOPES	SATTRE	No	---	---	---	---	---	494
	POORLY	Yes	depression	2B3	YES	NO	NO	26
778B: SATTRE LOAM, 2 TO 5 PERCENT SLOPES	SATTRE	No	---	---	---	---	---	785
778C: SATTRE LOAM, 5 TO 9 PERCENT SLOPES	SATTRE	No	---	---	---	---	---	225
823: RIDGEPORT SANDY LOAM, 0 TO 2 PERCENT SLOPES	RIDGEPORT	No	---	---	---	---	---	500
823B: RIDGEPORT SANDY LOAM, 2 TO 5 PERCENT SLOPES	RIDGEPORT	No	---	---	---	---	---	445
823C2: RIDGEPORT SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	RIDGEPORT	No	---	---	---	---	---	325
828B: ZENOR SANDY LOAM, 2 TO 5 PERCENT SLOPES	ZENOR	No	---	---	---	---	---	864
	STORDEN	No	---	---	---	---	---	46
828C: ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES	ZENOR	No	---	---	---	---	---	461
	STORDEN	No	---	---	---	---	---	24

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828C2: ZENOR SANDY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ZENOR	No	---	---	---	---	---	1,986
	STORDEN	No	---	---	---	---	---	104
829D2: ZENOR-STORDEN COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ZENOR	No	---	---	---	---	---	508
	STORDEN	No	---	---	---	---	---	304
	OTHER	No	---	---	---	---	---	203
829E2: ZENOR-STORDEN COMPLEX, 14 TO 25 PERCENT SLOPES, MODERATELY ERODED	ZENOR	No	---	---	---	---	---	168
	STORDEN	No	---	---	---	---	---	100
	OTHER	No	---	---	---	---	---	67
1135: COLAND CLAY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	COLAND	Yes	flood plain	2B3	YES	NO	NO	3,213
	OTHER	Yes	flood plain	4	NO	YES	NO	178
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	178
1636: BUCKNEY FINE SANDY LOAM, CHANNELED, 0 TO 2 PERCENT SLOPES	BUCKNEY	No	---	---	---	---	---	2,268
	OTHER	Yes	flood plain	4	NO	YES	NO	126
	OTHER	Yes	oxbow	3,2B3	YES	NO	YES	126
2485B: SPILLVILLE-BUCKNEY COMPLEX, 2 TO 5 PERCENT SLOPES	SPILLVILLE	No	---	---	---	---	---	972
	BUCKNEY	No	---	---	---	---	---	584
	OTHER	Yes	flood plain	2B3	YES	NO	NO	292
	OTHER	Yes	flood plain	4	NO	YES	NO	97
4055: NICOLLET-URBAN LAND COMPLEX, 1 TO 3 PERCENT SLOPES	NICOLLET	No	---	---	---	---	---	302
	URBAN LAND	Unranked	---	---	---	---	---	182
	OTHER	No	---	---	---	---	---	121

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4138B: CLARION-URBAN LAND COMPLEX, 2 TO 5 PERCENT SLOPES	CLARION	No	---	---	---	---	---	575
	URBAN LAND	Unranked	---	---	---	---	---	345
	OTHER	No	---	---	---	---	---	230
4138C: CLARION-URBAN LAND COMPLEX, 5 TO 9 PERCENT SLOPES	CLARION	No	---	---	---	---	---	100
	URBAN LAND	Unranked	---	---	---	---	---	60
	OTHER	No	---	---	---	---	---	40
4507: CANISTEO-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	CANISTEO	Yes	ground moraine	2B3	YES	NO	NO	440
	URBAN LAND	Unranked	---	---	---	---	---	264
	OTHER	No	---	---	---	---	---	132
	OTHER	Yes	pothole	2B3,3	YES	NO	YES	44
5010: PITS, GRAVEL	PITS	Unranked	---	---	---	---	---	540
5020: DUMPS, MINE	DUMPS	Unranked	---	---	---	---	---	115
5040: ORTHENTS, LOAMY	ORTHENTS	Unranked	---	---	---	---	---	490
W: WATER	WATER	Unranked	---	---	---	---	---	895